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|--------------|--------------------|-----------------|-----------------|
| Inventor(s): | Bell, et al.       | Atty. Ref.:     | 18003           |
| Appl. No.:   | 09/664,444         | Group Art Unit: | 1645            |
| Filed:       | September 18, 2000 | Examiner:       | Robert A. Zeman |
| Conf. No.:   | 4773               | Customer No.:   | 31976           |
| For:         | ONCOLYTIC VIRUS    |                 |                 |



\* \* \* \* \*

December 23, 2003

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Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Examiner is directed to the documents listed on the enclosed Form PTO-1449. A copy of each listed document is enclosed.

This Statement is being filed in conjunction with a Request for Continued Examination for the above-mentioned application.

It is believed that no fee is required in connection with the filing of this Statement. If any fee is required, the Commissioner is hereby authorized to charge the amount of such fee to Deposit Account No. 50-1677.

Respectfully submitted,

Lewis J. Kreisler

Reg. No. 38522

Attorney for Applicant(s)

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PTO/SB/08B (10-01)

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|  |   | Application Number       | 09/664,444         |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   | Filing Date              | September 18, 2000 |
|  |   | First Named Inventor     | John C. Bell       |
|  |   | Group Art Unit           | 1645               |
|  |   | Examiner Name            | Robert A. Zeman    |
|  |   | Attorney Docket Number   | 18003              |
| Sheet  | 1 | of                       | 10                 |

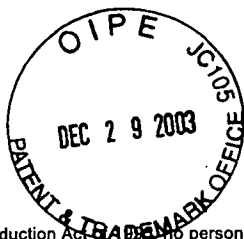
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|                                   |                          | <del>Kim, et al., "Replicating viruses as selective cancer therapeutics", Molecular Medicine Today, pages 515-527, December 1996.</del>   |                |
|                                   |                          | <del>Heise, et al., "Onyx-015, an E1B gene-attenuated adenovirus causes tumor-specific cytotoxicity and antitumor efficacy that can be augmented by standard chemotherapeutic agents", Nature Medicine, Vol. 3, No. 6, pages 686-694, June 1997.</del>                              |                |
|                                   |                          | <del>Zhang, et al., "Treatment of a human breast cancer xenograft with an adenovirus vector containing an interferon gene results in rapid regression due to viral oncolysis and gene therapy", Proc. Natl. Acad. Sci. USA, Vol. 93, pages 4512-4518, April 1996.</del>             |                |
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|                                   |                          | <del>Tamara, et al., "Cellular Commitment to Oncogene-Induced Transformation or Apoptosis is Dependent on the Transcription Factor IRF-1", Cell, Vol. 77, pages 829-839, June 17, 1994.</del>  |                |
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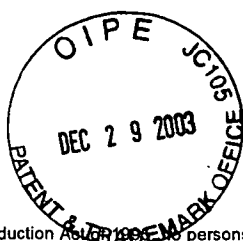
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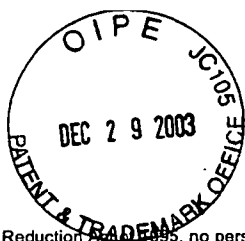
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|                                   |                          | Arroyo, et al. "Active specific immunotherapy with vaccinia colon oncolysate enhances the immunomodulatory and antitumor effects of interleukin-2 and interferon x in a murine hepatic metastasis model", Cancer Immunology Immunotherapy, Vol. 31, pages 305-311, 1990.  |                |
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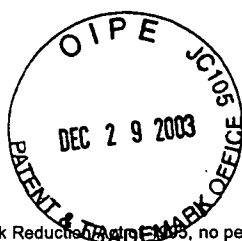
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|                                |                       | Reichard, et al., "Newcastle Disease Virus Selectively Kills Human Tumor Cells", Journal of Surgical Research, Vol 52, pages 448-453, 1992.  |                |
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|   |   | <b>Examiner Name</b>          | Robert A. Zeman    |
|   |   | <b>Attorney Docket Number</b> | 18003              |
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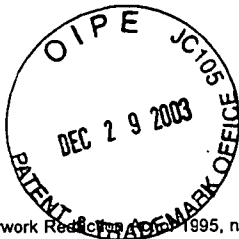
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|  |   | <b>Examiner Name</b>          | Robert A. Zeman    |
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|   |   | Group Art Unit           | 1645               |
|   |   | Examiner Name            | Robert A. Zeman    |
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